(13)

Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work : Detailed Estimated for Asphalting of damaged reaches in shettyhalli & Mallasandra, in Shettyhalli Sub Division, Ward No.12

Est.Cost Rs 45.50 Lakhs

Sl.No.	Description of Items	Unit	No.	L.	B.	D	Qty.	Rate	Amount
1	2		3	4	5	6	7	8	9
1	KSRB 2-1.2: Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, specification No. KBS 2.1(a) / 2.3.1 Page No. 5/ Item No. 2.1/ PWD SR 2012-13								
	Total Length of road for Asphalt	18211.10x 8/100	1	1090.00		0.15	163.50	58.32	9535.00
							163.50	~~112.32~~	~~18364.00~~
	Basic Rate	~~104.00~~	54.00						
	Area Weightage 8%	~~8.32~~	4.32						
		~~112.32~~	58.32						
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per Specifications.MORTH Specification No. 406 Page No. 167/ Item No. 20.18/ PWD SR 2012-13								
			1	1090.00		0.20	218.00		
							218.00	1059.48	**230967.00**
	Basic Rate	981.00							
	Area Weightage 8%	78.48							
		1,059.48							
3	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No. 172/ Item No. 21.2/ PWD SR 2012-13								
	Hesaraghatta Main road to Govt School	Sqm	1	357.00	(7.5+7.6)/2		2695.35		
	Govt School to Mallasandra Village		1	230.00	(6.5+6.8)/2		1529.50		
	Mallasandra Main Road to Babanna layout Junction		1	300.00	(6.0+6.1)/2		1815.00		
	Babanna layout Junction to BBMP Office		1	280.00	(6.0+6.1)/2		1694.00		
	Pipeline to Mallasandra Main Road		1	410.00	(4.8+5.0)/2		2009.00		
	Pipeline to Hesaraghatta Main Road		1	247.00	(8.0+7.5)/2		1914.25		
	Kala Tlkies Main Road		1	1130.00	5.80		6554.00		
							18211.10	2.38	43270.00
	Basic Rate	2.20							

	Area Weightage 8%	0.18							
		2.38							
4	KSRRB 500-10 : Tack Coat:- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom complete as per specifications using bitumen emulsion. MORTH Specification No.503 (Page No.173, Item No. 21.10.1)								
	Hesaraghatta Main road to Govt School	Sqm	1	357.00	(7.5+7.6)/2		2695.35		
	Govt School to Mallasandra Village		1	230.00	(6.5+6.8)/2		1529.50		
	Mallasandra Main Road to Babanna layout Junction		1	300.00	(6.0+6.1)/2		1815.00		
	Babanna layout Junction to BBMP Office		1	280.00	(6.0+6.1)/2		1694.00		
	Pipeline to Mallasandra Main Road		1	410.00	(4.8+5.0)/2		2009.00		
	Pipeline to Hesaraghatta Main Road		1	247.00	(8.0+7.5)/2		1914.25		
	Kala Tlkies Main Road		1	1130.00	5.80		6554.00		
							18211.10	10.80	196680.00
	Basic Rate	10.00							
	Area Weightage 8%	0.80							
		10.80							
5	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen Page No. 175/ Item No. 21.20.1/ PWD SR 2012-13								
	Hesaraghatta Main road to Govt School	Cum	1	357.00	(7.5+7.6)/2	0.025	67.38		
	Govt School to Mallasandra Village		1	230.00	(6.5+6.8)/2	0.025	38.24		
	Mallasandra Main Road to Babanna layout Junction		1	300.00	(6.0+6.1)/2	0.025	45.38		
	Babanna layout Junction to BBMP Office		1	280.00	(6.0+6.1)/2	0.025	42.35		
	Pipeline to Mallasandra Main Road		1	410.00	(4.8+5.0)/2	0.025	50.23		
	Pipeline to Hesaraghatta Main Road		1	247.00	(8.0+7.5)/2	0.025	47.86		
	Kala Tlkies Main Road		1	1130.00	5.80	0.025	163.85		
							455.28	8829.00	4018648.00
	Basic Rate	8175.00							
	Area Weightage 8%	654.00							
		8829.00							

ನಿರ್ಣಯ ಸಂ. 85/12-13 ದಿನಾಂಕ : 14/03/2013
ಅಂ.ರೂ. 45.50 ಲಕ್ಷಗಳ ಸೇರಿಸಿ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

Chief Engineer
Dasarahalli Zone, Bangalore.

6	KSRRB 400-1.3: Carriage of mixed materials 10 kms for items of Sl.No.19.1 to 19.6 and 19.8 to 19.16 (Page No.183)								
	Qty.vide item No. 3	Cum					455.28		
							455.28	56.70	25814.00
	Basic Rate	52.50							
	Area Weightage 8%	4.20							
		56.70							
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.147 I.18.57/1)								
	Qty Vide Item No=1						163.50	94.82	14412.00
	Qty Limited to						**152.00**	~~100.35~~	~~15254.00~~
	Basic Rate	25.60	20.48						
	Loading and Unloading Charges	67.32							454032.00
		92.92	87.80						
	Area Weightage @ 8%	~~7.43~~	7.02						
	Total	**100.35**	94.82						
8	Miscellaneous and other unforseen charges								~~6.00~~ 9677.00
								Total	4550000.00
	(Rupees Fortyfive Lakhs Fifty Thousand Only)								

CERTIFICATE

1 The work sport has been inspected and the work found to be necessary
2 This estimate is prepared as per the PWD S.R of 2012-13
3 The provisions made in estimate are adequate and essential
4 This area comes under BBMP limits

Asst. Engineer
Ward No-12

Project Engineer (PE-4)
KRIDL, Dasarahalli Zone, Bangalore

Asst.Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. JC(DH) AS 731/12-13 ದಿನಾಂಕ : 28/02/13
ರೂ. 45.50 lakhs (Rupees Forty-five lakhs fifty thousand only)
ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
Page No. 131
Sl. No. 731
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.